

23 MAR 1966

SUBJECT: Approval of [ ] ECPs GR-60, GR-62, and GR-63,  
Contracts LP-2264 and CW-6644

STATINTL

Dear Chuck,

We approve technically the ECPs listed above for both production and retrofit. Request you provide [ ] with formal authority to proceed with these changes. Specific comments on these ECPs are:

STATINTL

a. GR-60 - Service Contract costs are approximately \$4864.

b. GR-62 - This change is all retrofit. Cost to the Service Contract for kits is about \$171.

c. GR-63 - This change is all retrofit. Cost to the Service Contract for kits is about \$273.

We feel that the Contractor shares some of the responsibility for all these changes and they should be negotiated from this position.

Regards,

*Ben*

STATINTL

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STATINTL

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Next 1 Page(s) In Document Exempt

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<b>GA - 531</b>		ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>		<b>GR - 63</b>						
DATE 10 Feb. 1966		AFFECTS: GA-531 <input type="checkbox"/>		STATINTL						
NAME OF MAJOR COMPONENT Doppler and Range Delay Assembly, System Tester		PART OR LOWEST SUBASSEMBLY IF Switch Gate Pulse Ass'y Board		PART NO. MODEL OR TYPE CD531A907-027 New P/N to be assigned						
TITLE OF PROPOSAL: Improve Doppler Delay Generator Trigger Ckt and Delay Adjustment.										
NATURE OF PROPOSAL: See Attached Page.										
REASON FOR PROPOSAL: Item 1. To provide increased triggering reliability from Synchro- nizer pulse.  Item 2. To improve the adjustment range of the 1.06 usec delay control.										
<b>ES</b>	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
<b>CP</b>	ESTIMATED COST FOR KITS OR PARTS: \$24.84/Kit ADDITIONAL FUNDING REQUIRED: \$2,673. (includes \$1,864.00 Engineering)									
ITEMS AFFECTED BY PROPOSAL: System Tester units 1 thru 8. Receiver Tester units 3, 4, and 5.										
<b>SAFETY</b> <input type="checkbox"/>	<b>MISSION EFFEC- TIVENESS</b> <input type="checkbox"/>	<b>PERFORM- ANCE</b> <input checked="" type="checkbox"/>	<b>OPERATING PROCEDURE</b> <input checked="" type="checkbox"/>	<b>INTER- CHANGE- ABILITY</b> <input type="checkbox"/>	<b>WEIGHT OR WEIGHT AND BALANCE</b> <input type="checkbox"/>	<b>TOOLS AND SUPPORT EQUIPMENT</b> <input type="checkbox"/>	<b>MAINTENANCE PROCEDURE</b> <input checked="" type="checkbox"/>	<b>SERVICE LIFE</b> <input type="checkbox"/>	<b>FLIGHT MANUAL</b> <input type="checkbox"/>	<b>MAINTENANCE MANUAL</b> <input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 10 min disassemble; 1-1/2 hr change P.C. Card; 10 min reassemble; 30 min test circuit.										
SOURCE OF PARTS FOR KIT: GR			AVAILABILITY 12 WEEKS AFTER APPROVAL							
DISPOSITION OF SPARES AFFECTED: Spare items to be reworked to latest configur- ation. PPB will be changed by C/N to PS0.										

ENGINEERING CHANGE PROPOSAL  
10 February 1966

GA-531

GR-63  
Page 2 of 2

TITLE OF PROPOSAL:

Improve Doppler Delay Generator Trigger Ckt and Delay Adjustment.

NATURE OF PROPOSAL:

Ref: REW KP-I-250

Item 1. Modify IF Switch Gate Pulse Ass'y Card as follows:

- A. Change resistor R2 from RC07GF273J to RC07GF683J
- B. Change resistor R28 from RC07GF331J to RC07GF751J
- C. Change resistor R29 from RC20GF473J to RC70GF563J
- D. Add resistor R30, Value RC07GF683J
- E. Add capacitors C11 and C12 P/N GE64F10AA103

Item 2. Modify IF Switch Gate Pulse Ass'y Card as follows:

- F. Change potentiometer R16 from RT12C2P501 to RT12C2P102
- G. Change resistor R27 from RC07GF103J to RC07GF510J
- H. Change resistor R26 from RC07GF271 to RC07GF500J
- J. Change resistor R15 from RT12C2P102 to RT12C2P501
- K. Change wiring to agree with new circuit

A Mod No. will be assigned to the System Tester with this change.